

**Notice of Allowability**

Application No.

09/915,433

Examiner

Quoc A. Tran

Applicant(s)

HAMILTON ET AL.

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 06/02/2006.
2. ☒ The allowed claim(s) is/are 3-7, 10-12, 15-19 and 22-24 (renumbering as 2-3, 1, 4-5, 6-8, 10-11, 9, 12-13, and 14-16 respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*William S. Bashore*  
**WILLIAM BASHORE**  
**PRIMARY EXAMINER**

### ***REASONS FOR ALLOWANCE***

Claims 3-7, 10-12, 14-19 and 21-24 are allowed over the prior art of record.

The following is a statement of reasons for the indication of allowable subject matter:

In interpreting the claims in light of the specification and applicant's arguments, and the Amendments filed 06/02/2006, 01/10/2006 and Appeal Brief filed 08/09/2005. Examiner finds the claimed invention is patentably distinct from the prior art of record.

The prior arts of record, Kim introducing a search engine produces result to keyword queries, wherein determines the relevancy of a page by combine the intrinsic rank and extrinsic rank based on scores of a multi-keyword query and the ranking score can bases on using the entire set of a hypertext pages and/or a subset based on topic or the like, in view of Law is directed to selecting the web page based on the page score threshold using link-based analysis

The prior art of record, Kim in view of Law fail to anticipate or render Applicant's particular feature that

*"...processing a plurality of Web pages using the set of weighted associative terms to generate a plurality of cumulative ratings in which each Web page within the plurality of Web pages has a cumulative rating wherein the cumulative rating for a particular Web page within the plurality of Web pages is based on the set of weighted associative terms, wherein the cumulative rating of the particular web page is 100 percent minus the probability that the particular web page is irrelevant, and wherein the probability that the particular web page is irrelevant is determine by multiplying differences between 100 percent and each of the set of weight associative term ...,"*

In addition the Examiner interprets the above such that, allows a search engine produces result to keyword queries web page, wherein (i) a result is the cumulative rating of the particular web page is 100 percent minus the probability that the particular web page is irrelevant, and wherein the probability that the particular web page is irrelevant is determine by multiplying differences between 100 percent and each of the set of weight associative term, similarly

Art Unit: 2176

illustrating as example  $[1 - (1 - 0.95 * (1 - 0.6))] = 98\%$  for determine the Pcummulative values, then apply (i) for resulting most relevant webpage found (see Applicant claimed invention specification page 18, line 10 through page 19, line 20).

The dependent claims, being further limiting to the independent claims, definite and enabled by the Specification are also allowed.

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quoc A. Tran whose telephone number is (571) 272-4103. The examiner can normally be reached on Monday through Friday from 8 AM to 4:30 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Herndon R. Heather can be reached on (571) -272-4136. The fax phone number for the organization where this application or proceeding is assigned is (571)-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

---

Quoc A. Tran  
Patent Examiner  
Technology Center 2176  
August 16, 2006, 2006

*William S. Bashore*  
WILLIAM BASHORE  
PRIMARY EXAMINER